Water System Vulnerability Assessment Update

October 2003

In This Update.....

- Introduction
- Current USACHPPM WSVA workload
- The USAR NCIOC – Our WSVA Partner
- New EPA Security Website

Introduction

Hello! This is the inaugural edition of the USACHPPM water system vulnerability assessment update. It is intended as way to provide up-to-date information to the USACHPPM project officer conducting WSVAs. Because this is a large, USACHPPM-Wide project we need a forum to provide a timely way for information exchange. This is what we came up with. We most definitely welcome any input you may have on this update – ways to improve, other means of information dissemination, etc. The main POC for this update is Steve Clarke at the USACHPPM Water Supply Management Program (WSMP). Here's his contact information:

Steven.clarke@amedd.army.mil
DSN: 584-7746
COM: 410-436-7746
Fax: x-8104

Current USACHPPM WSVA Workload

The table on the next page shows the status of USACHPPMs WSVA workload. We have conducted WSVAs at several installations and are currently planning to undertake several more. There are also many installations considering utilizing USACHPPM to conduct their required WSVA (i.e., as shown by a tentative status). We just recently received a request from the NW IMA Region office to provide them a list of installations in their region that are having USACHPPM conduct a WSVA for them. It's likely that other IMA regions will request the same thing in the near future. Please take a moment and review this list for accuracy. If you have updated information for us please send it to Steve Clarke at the USACHPPM Water Supply Program. Thanks!

The USAR NCIOC – Our WSVA Partner

The USACHPPM established a partnership with the US Army Reserve North Central Information Operations Center (NCIOC) for conducting the cyber assessment portion of the WSVA. The NCIOC personnel are experts in conducting cyber assessments; the majority of their personnel are trained and certified in the National Security Agency's (NSA) INFOSEC assessment methodology. Their cyber assessment includes:

- Non-intrusive network vulnerability assessment of the local area network and the supervisory control and data acquisition (SCADA) system.
- Covers any radio frequency or wireless connections to remote wells, pumps, etc.
- Scan of all desktop computers to identify critical patches for operating systems, and a review of SOPs regarding passwords and access permissions.

This past summer, the NCIOC conducted their first cyber assessment portion of the WSVA at Fort Drum, NY. The WSVA, led by LT Zuena of USACHPPM-North, was a great success and the installation found the WSVA extremely useful. Currently the NCIOC is just finishing a cyber assessment at the Fort Bragg, NC water system which contains a new, and fairly complex SCADA system. Once the cyber assessment is completed the NCIOC provides a SECRET report to the project officer. Project officers should have a SIPRNET account (email account on a secure network) to receive a copy of the report. Your installation should be able to assist you in obtaining a SIPRNET account. You should contact the same organization you used to obtain access to a SCIF to write the WSVA final report.

The NCIOC is available to assist in any USACHPPM WSVA. Should you determine the need, as a project officer, to have the NCIOC conduct the cyber assessment portion of the WSVA, or if you are unsure of the need for a cyber assessment the NCIOC can help. Contact Steve Clarke at the USACHPPM WSMP for further assistance.

New EPA Security Website

The EPA just launched a new website that provides information on security-related products. The site contains information on physical security, cyber security, and monitoring products and their related costs. Check it out! There's a lot of good product information there. You can access the website at the following location:

http://www.epa.gov/safewater/security/guide/index.html.

TABLE. USACHPPM WSVA WORKLOAD STATUS

INSTALLATION	STATE	STATUS	SITE VISIT	CHPPM COMMANDS
Fort Bragg	NC	Final Rpt	APR 02	Main
Aberdeen Proving Ground	MD	Final Rpt	MAR03	North
Fort Knox	KY	Final Rpt	APR03	North-Main
Fort Meade	MD	Final Rpt	MAY03	North-Main
Fort Gordon	GA	Completed	JUN 03	South
Fort Drum	NY	Final Rpt	JUL 03	North
USAG-HI	HI	Final Rpt	JUL/AUG 03	PAC
Fort Stewart/HAAF	GA	In progress	SEP 03	Main-South
FMMC/Ft McNair	DC	Tentative*	FY04	North
Fort Richardson	AK	Planned**	TBD	West
Fort Benning	GA	In progress	FY03	South
Fort Irwin	CA	Planned	FY04	West
Fort Greely	AK	Planned	FY04	West
Fort Wainwright	AK	Planned	FY04	West
Fort Lewis	WA	Planned	OCT 03	West-Main
Fort Riley	KS	Planned	FY04	Main/West
Fort Rucker	AL	Final Rpt	FY03	South
Fort Hood	TX	Tentative	TBD	South
Fort Polk	LA	Planned	TBD	South
Fort Hunter Liggett	CA	Tentative	TBD	Main-West
USAKA	RMI	Planned	TBD	PAC
McAlester AAP	OK	Planned	FY04	South
Fort Buchanan	PR	Planned	FY04	South
Fort Detrick	MD	Planned	FY04	North
Fort Monmouth	NJ	Tentative		
Fort Lee	VA	Tentative		
West Point/Picatinny	NY	Tentative		
Fort Eustis	VA	Tentative		

* Tentative - Ongoing discussion with Installation. Have not received funds to conduct WSVA.

** Planned - Scope of Work agreed upon. Received MIPR from Installation to conduct WSVA.